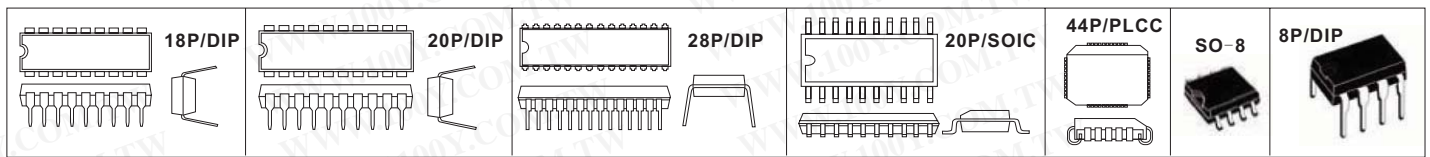


Signal Conversion IC

Analog-to-Digital Converters 8-Bit A/D Converters

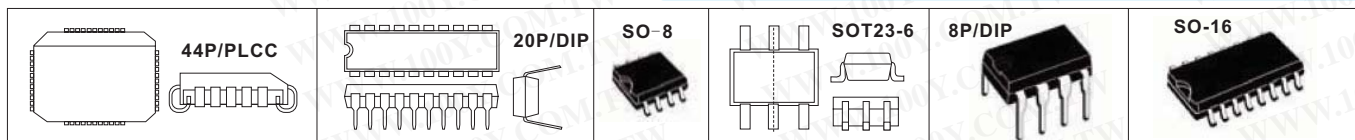
Detailed product specifications are available on: us.100y.com.tw



| Part No. | Product No. | Manufacturer | Description | Pins/Package | Serial/Parallel | Conv. Time/Rate | Diff. Non-Linearity |
|----------|----------------|--------------|--|--------------|-----------------|-------------------|---------------------|
| 32381 | AD673JN | ADI | 8-Bit A/D Converter | 20P/DIP | | 30 us | 8 Bits |
| 32484 | AD7569JN | ADI | Complete, 8-Bit Analog I/O Systems | 24P/DIP | P | - | ±1 LSB max |
| 32487 | AD7575JN | ADI | 5 ms 8-Bit ADC with Track/Hold | 18P/DIP | P | 5 μs | - |
| 32540 | AD775JR | ADI | 8-Bit 20 MSPS, 60 mW Sampling A/D Converter | 24P/SOIC | | 35MHz | 0.3 LSB |
| 32544 | AD7820KN | ADI | High Speed 8-Bit ADC with Track/Hold Function | 20P/DIP | | 1.36μs max | |
| 32545 | AD7821KN | ADI | LC2MOS High Speed, μP-Compatible 8-Bit ADC with Track/Hold Function | 20P/DIP | P | 660 ns max | |
| 32546 | AD7824KN | ADI | LC2MOS High Speed 4-Channel 8-Bit ADC | 24P/DIP | P | 2.5 μs/Channel | |
| 32547 | AD7828KN | ADI | LC2MOS High Speed 8-Channel 8-Bit ADC | 28P/DIP | P | 2.5 μs/Channel | |
| 17889 | AD9012AJ | ADI | High Speed 8-Bit TTL A/D Converter | 28P/JLCC | P | 100nS | 0.75LSB |
| 5008 | ADC0804LCN | Intersil | 8-Bit μP Compatible A/D Converter | 20P/DIP | P | 100uS | ±0.75 LSB |
| 22449 | ADC0804LCN | N.S | 8-Bit μP Compatible A/D Converter | 20P/DIP | P | 100uS | ±0.75 LSB |
| 27074 | ADC0804LCWMM | N.S | 8-Bit μP Compatible A/D Converter | SOIC/20P | | 100uS | |
| 8225 | ADC0808CCN | N.S | 8-bit Microprocessor Compatible A/D Converters With 8-Channel Multiplexer | 28P/DIP | P | 100uS | ±0.75 LSB total |
| 8226 | ADC0809CCN | N.S | 8-bit A/D 8-channel multiplexer | 28P/DIP | P | 100uS | ±1 LSB total |
| 12272 | ADC0820CCN | N.S | 8-bit High Speed Mp Compatible. A/D with Track/Hold Function | 20P/DIP | P | 1.5us(WR/RD Mode) | ±1 LSB |
| 32599 | ADC0820CCWMM | N.S | 8-bit High Speed Mp Compatible. A/D with Track/Hold Function | 20P/SOIC | P | 1.5us | ±1 LSB |
| 8227 | ADC0831CCN | N.S | 8-Bit Serial I/O A/D Converter with Multiplexer Options | 8P/DIP | S | 32uS | ±0.5 LSB |
| 4935 | ADC0832CCN | N.S | 8-Bit Serial I/O A/D Converter with Multiplexer Options | 8P/DIP | S | 32uS | ±0.5 LSB |
| 16258 | ADC0834CCN | N.S | 8-Bit Serial I/O A/D Converter with Multiplexer Options | 14P/DIP | S | 32uS | ±0.5 LSB |
| 3911 | ADC0838CCN | N.S | 8-bit serial I/O A/D converter with Multiplexer Options | 20P/DIP | S | 32uS | ±0.5 LSB |
| 32601 | ADC0844CCN | N.S | 8-Bit μP Compatible A/D Converters with Multiplexer Options | 20P/DIP | P | 40 μs | ±1 LSB |
| 32604 | ADC08831IN | N.S | 8-Bit Serial I/O CMOS A/D Converters with Multiplexer and Sample/Hold Function | 8P/DIP | S | 4μs (max) | ±0.2 LSB |
| 32605 | ADC08832IN | N.S | 8-Bit Serial I/O CMOS A/D Converters with Multiplexer and Sample/Hold Function | 8P/DIP | S | 4μs (max) | ±0.2 LSB |
| 32609 | ADC1175-50CIJM | N.S | 8-Bit, 50 MSPS, 125 mW A/D Converter | 24P/SOIC | | 50 MHz | 0.7 LSB |
| 32607 | ADC1175CIJM | N.S | 8-Bit, 20MHz, 60mW A/D Converter | 24P/SOIC | | | ±0.75LSB(max) |
| 48620 | BT252KPJ20 | | 20MSPS Monolithic CMOS Single-Channel 8-bit Image Digitizer | PLCC-44P | S | | |
| 34894 | MAX118CAI | MAXIM | +5V, 1MSPS -Channel, 8-Bit ADCs with 1μA Power-Down | 28 SSOP | P | 660ns | ±1 LSB |
| 34895 | MAX118CPI | MAXIM | +5V, 1MSPS -Channel, 8-Bit ADCs with 1μA Power-Down | 28P/DIP | P | 660ns | ±1 LSB |
| 36883 | MC14443P | MOTOROLA | ANALOG-TO-DIGITAL CONVERTER LINEAR SUBSYSTEM | 16P/DIP | | | |
| 33686 | TDA8703TC4 | PHILIPS | 8-bit high-speed analog-to-digital converter | 24P/SOIC | | | |
| 33266 | TLC0831CD | SHARP | 8-BIT ANALOG-TO-DIGITAL CONVERTERS WITH SERIAL CONTROL | 8P/SOIC | | | |
| 33270 | TLC0831CP | T.I. | 8-BIT ANALOG-TO-DIGITAL CONVERTERS WITH SERIAL CONTROL | 8P/DIP | | | |
| 33272 | TLC0832CD | T.I. | 8-BIT ANALOG-TO-DIGITAL CONVERTERS WITH SERIAL CONTROL | 8P/SOIC | | | |
| 33360 | TLC541IN | T.I. | 8-BIT ANALOG-TO-DIGITAL CONVERTERS | 20P/DIP | | | ±0.5 LSB |
| 33364 | TLC542IN | T.I. | 8-BIT ANALOG-TO-DIGITAL CONVERTERS | 20P/DIP | | | ±0.5 LSB |
| 33370 | TLC548CP | T.I. | 8-BIT ANALOG-TO-DIGITAL CONVERTERS | 8P/DIP | S | 17μs | ±0.5 LSB |
| 33373 | TLC549CD | T.I. | 8-BIT ANALOG-TO-DIGITAL CONVERTERS | 8P/SOIC | S | ±0.5 LSB | |
| 16430 | TLC549CP | T.I. | 8-Bit A/D Converters(8-BIP ANALOG-TO-DIGITAL CONVERTERS WITH SERIAL CONTROL) | 8P/DIP | S | 17μs | ±0.5 LSB |
| 33375 | TLC549IP | T.I. | 8-BIT ANALOG-TO-DIGITAL CONVERTERS | 8P/DIP | S | 17μs | ±0.5 LSB |

10-Bit A/D Converters

Detailed product specifications are available on: us.100y.com.tw



| Part No. | Product No. | Manufacturer | Description | Pins/Package | Serial/Parallel | Conv. Time/Rate | Diff. Non-Linearity |
|----------|--------------|--------------|--|---------------|-----------------|-----------------|---------------------|
| 17295 | AD2S83AP | ADI | Resolver-to-Digital Converter | PLCC-44P | | 390ns | 1LSB |
| 32297 | AD573JN | ADI | 10-Bit A/D Converter | 20P/DIP | P | 20μs | |
| 32438 | AD7416AR | ADI | 10-Bit Digital Temperature Sensor ADC | 8P/SOIC | S | 40μs | ±1 LSB max |
| 33310 | AD7814ART | ADI | 10-Bit Digital Temperature Sensor in 6-Lead SOT-23 | 6-Lead SOT-23 | S | 25 μs | |
| 33530 | AD7912ARM | ADI | 10-Bit A/D Converter 2-Channel 2.35 V to 5.25 V 1 MSPS | 8P-MSOP | | 777ns max | ±0.5 LSB max |
| 23698 | ADC1034CIWMM | N.S | 10-Bit Serial I/O A/D Converters with Analog Multiplexer | 16P/SOIC | S | 13.7 us | +/-1LSB |
| 32606 | ADC1061CIN | N.S | 10-Bit High-Speed μP-Compatible A/D Converter with Track/Hold Function | 20P/DIP | P | 1.8 μs | |
| 33281 | TLC1541CN | T.I. | 10-BIT ANALOG-TO-DIGITAL CONVERTER WITH SERIAL CONTROL AND 11 INPUTS | 20P/DIP | | | |



Signal Conversion IC

10-Bit A/D Converters

Detailed product specifications are available on: us.100y.com.tw

| Part No. | Product No. | Manufacturer | Description | Pins/Package | Serial/Parallel | Conv. Time/Rate | Diff. Non-Linearity |
|----------|-------------|--------------|---|--------------|-----------------|-----------------|---------------------|
| 33277 | TLC1541IN | T.I. | 10-BIT ANALOG-TO-DIGITAL CONVERTER WITH SERIAL CONTROL AND 11 INPUTS | 20P/DIP | | | |
| 16426 | TLC1543CN | T.I. | 10-Bit Analogue to Digital Converters WITH SERIAL CONTROL AND 11 ANALOG INPUTS | 20P/DIP | S | 100nS | ±1 LSB |
| 16428 | TLC1549CP | T.I. | 10-Bit Analogue to Digital Conversion(DIP8 , 10bit 38ksps ADC , serial , Vs = 5V, On-Chip System Clock , Top = 0°C to 70°C) | 8P/DIP | S | 100nS | ±1 LSB |
| 32982 | TLV1543CN | T.I. | 10-BIT ANALOG-TO-DIGITAL CONVERTERS | 20P/DIP | | | ±1 LSB |
| 32980 | TLV1549CP | T.I. | 10-BIT ANALOG-TO-DIGITAL CONVERTERS | 8P/DIP | | | ±1 LSB |

12-Bit A/D Converters

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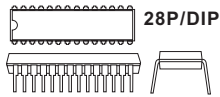
| Part No. | Product No. | Manufacturer | Description | Pins/Package | Serial/Parallel | Conv. Time/Rate | Diff. Non-Linearity |
|----------|---------------|--------------|---|----------------|-----------------|-----------------|---------------------|
| 15892 | AD1362KD | ADI | "Analog" 16-Channel 12-Bit Data Acquisition System package:DH-32E | 32P/DIP | | 10µs | 12-bit |
| 5165 | AD1674JN | ADI | 12-bit A to D Converter(A/D CONVERTERS) | 28P/DIP | P | 10µs | 12-bits |
| 45029 | AD5311BRT | ADI | 2.5 V to 5.5 V, 120 A, 2-Wire Interface, Voltage Output 8-/10-/12-Bit DACs | SOT-23 | Serial | | ±0.3 |
| 43799 | AD5321BRT | ADI | 2.5 V to 5.5 V, 120 A, 2-Wire Interface, Voltage Output 8-/10-/12-Bit DACs | SOT-23 | Serial | | ±0.3 |
| 28036 | AD5340BRU | ADI | 2.5 V to 5.5 V, 115 Ma, Parallel Interface Single Voltage-Output 12-Bit DACs | 24P/TSSOP | P | 115µs | 12-bits |
| 16527 | AD574AJD | ADI | 12-bit SAR ADC(Complete 12-Bit A/D Converter) Complete 12-Bit A/D Converter 0 | 28P/DIP | P | 35µs | 11-bits |
| 3205 | AD574AJN | ADI | 12-bit SAR ADC(ADC 1*12B 35US 1LSB)(Complete 12-Bit A/D Converter) | 28P/DIP | P | 35µs | 11-bits |
| 32302 | AD574AKD | ADI | Complete 12-Bit A/D Converter | 28P/DIP | P | | 12 Bits |
| 32486 | AD7572JN12 | ADI | CMOS Complete High Speed 12-Bit ADC | 24P/DIP | - | 12.5 µs | ±1 LSB max |
| 32493 | AD7582KN | ADI | CMOS 12-Bit Successive Approximation ADC | 28P/DIP | P | 100µs | ±1 LSB max |
| 32507 | AD7870JN | ADI | Complete, 12-Bit, 100 kHz, Sampling ADCs | 24P/DIP | S | 8 µs | ±1 LSB max |
| 32509 | AD7874AN | ADI | LC2MOS 4-Channel, 12-Bit Simultaneous Sampling Data Acquisition System | 28P/DIP | S | 8 µs | ±1 LSB max |
| 32550 | AD7880BN | ADI | LC2MOS Single +5 V Supply, Low Power, 12-Bit Sampling ADC | 24P/DIP | P | 12 µs | ±1 LSB max |
| 32551 | AD7888AR | ADI | +2.7 V to +5.25 V, Micropower, 8-Channel, 125 kSPS, 12-Bit ADC in 16-Lead TSSOP | 16P/SOIC | S | | ±2 LSB max |
| 32552 | AD7893AN-10 | ADI | LC2MOS 12-Bit, Serial 6 µs ADC in 8-Pin Package | 8P/DIP | S | 6 µs | ±1 LSB max |
| 33532 | AD7922ARM | ADI | 10-Bit A/D Converter 2-Channel 2.35 V to 5.25 V 1 MSPS | 8P-MSOP | | 888ns max | ±1.5 LSB max |
| 32596 | AD9220AR | ADI | 12-Bit A/D Converters IC | 28P/SOIC | S | | 0.3 LSB |
| 32637 | ADS574JE | T.I. | CMOS ANALOG-TO-DIGITAL CONVERTER | 28P/DIP | | 25µs max | |
| 32641 | ADS7806PB | T.I. | Low-Power 12-Bit Sampling CMOS ANALOG-to-DIGITAL CONVERTER | 28P/DIP | S/P | 25µs max | ±1/2LSB max |
| 32645 | ADS7816P | T.I. | 12-Bit High Speed Micro Power Sampling ANALOG-TO-DIGITAL CONVERTER | 8-Pin PDIP | S | 12 | ±0.5 LSB |
| 32650 | ADS7822PB | T.I. | 12-Bit High Speed 2.7V microPower Sampling ANALOG-TO-DIGITAL CONVERTER | Plastic DIP-8 | S | 12 | ±1LSB |
| 32651 | ADS7822U | T.I. | 12-Bit High Speed 2.7V microPower Sampling ANALOG-TO-DIGITAL CONVERTER | 8P/SOIC | S | 12 | ±2LSB |
| 40138 | ADS801U | BB | 12-Bit, 25MHz Sampling ANALOG-TO-DIGITAL CONVERTER | 28P/SOIC | | | +/- 1LSB |
| 40347 | HI1-674AKD-5 | Intersil | 12-Bit A/D Converter | 28P/DIP | | 15uS | ±0.5 LSB |
| 33609 | ICL7109CPL | MAXIM | 12 Bit A/D Converter With 3-State Binary Outputs | 40P/DIP | S | | |
| 34654 | LM12458CIV | N.S | 12-Bit Sign Data Acquisition System with Self-Calibration | 44P/PLCC(V44A) | P | | ±1.0 LSB |
| 49599 | LTC1290CCN | Linear-Tech. | 12-bit A to D Converter | DIP-20P | Serial | 0°C to 70°C | |
| 39212 | LTC1290DCN | Linear-Tech. | 12-bit A to D Converter | 20P/DIP | Serial | 0°C to 70°C | |
| 28226 | LTC1290DCSW | Linear-Tech. | 12-bit A to D Converter | 20P/SO WIDE | Serial | 13us | |
| 28508 | MAX1247ACEE | MAXIM | 12-Bit ADCs in QSOP-16 | 16-QSOP | Serial | 6µs | DNL |
| 34899 | MAX172ACNG | MAXIM | Complete 10µs CMOS 12-Bit ADC | 24P/DIP | S | 10µs | ±1 LSB |
| 38810 | MAX172BCNG | MAXIM | Complete 10µs CMOS 12-Bit ADC | 24P/DIP | S | 10µs | ±1 LSB |
| 34900 | MAX176ACPA | MAXIM | Serial-Output, 250Ksps 12-Bit ADC with T/H and Reference | 8P/DIP | S | 3.5µs | ±3/4 LSB |
| 34901 | MAX180ACPL | MAXIM | Complete, 8-Channel, 12-Bit Data-Acquisition Systems | 40P/DIP | | 10µs | ±1 LSB |
| 19680 | MAX185BCWG | MAXIM | High-Speed 12-Bit A/D Converter With External Reference Input | 24P/SOIC | | | |
| 34903 | MAX186ACPP | MAXIM | Low-Power, 8-Channel, Serial 12-Bit ADCs | 20 Plastic DIP | S | 10µs | ±1 LSB |
| 34904 | MAX186ACWP | MAXIM | Low-Power, 8-Channel, Serial 12-Bit ADCs | 20P/SO | S | 10µs | ±1 LSB |
| 34905 | MAX190ACNG | MAXIM | Low-Power, 12-Bit Sampling ADCs with Internal Reference and Power-Down | 24P/DIP | S | 12µs | ±1 LSB |
| 34906 | MAX197BCNI | MAXIM | Multi-Range (±10V, ±5V, +10V, +5V), Single +5V, 12-Bit DAS with 8+4 Bus Interface | 28P/DIP | | 6µs | ±1 LSB |
| 34907 | MAX197BCWI | MAXIM | Multi-Range (±10V, ±5V, +10V, +5V), Single +5V, 12-Bit DAS with 8+4 Bus Interface | 28P/SO | | 6µs | ±1 LSB |
| 42468 | MAX5811LEUT-T | MAXIM | 10-Bit, Low-Power, 2-Wire Interface, Serial, Voltage-Output DAC | 6 SOT23-6 | | | |
| 39630 | MAX675ESA | MAXIM | +5V Precision Voltage Reference | SO-8 | S | 5µs | |
| 40667 | TC5092AP | TOSHIBA | CMOS Digital Integrated Circuit Silicon Monolithic | 42P/DIP | | | |
| 39230 | TLV2556IDW | T.I. | 12-BIT, 200-KSPS, 11 CHANNEL, LOW POWER, SERIAL ADC WITH INTERNAL REFERENCE | 20P/SOP | | | |



Signal Conversion IC

14-Bit A/D Converters

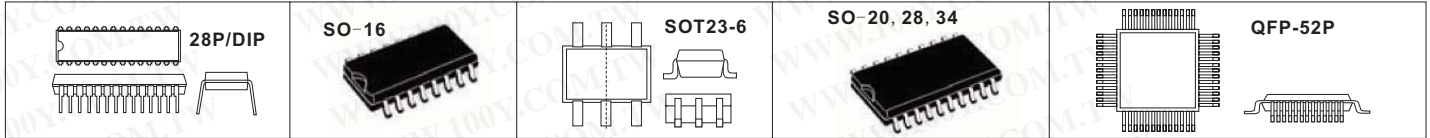
Detailed product specifications are available on: us.100y.com.tw



| Part No. | Product No. | Manufacturer | Description | Conv. Time/Rate | Diff. Non-Linearity | Pins/Package |
|----------|-------------|--------------|---------------------------------------|-----------------|---------------------|--------------|
| 32386 | AD679JN | ADI | 14-Bit 128 kSPS Complete Sampling ADC | 6.3 us/7.8 us | 14 Bits | 28P- DIP |

16-Bit A/D Converters

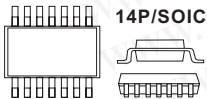
Detailed product specifications are available on: us.100y.com.tw



| Part No. | Product No. | Manufacturer | Description | Pins/Package | Serial/Parallel | Conv. Time/Rate | Diff. Non-Linearity |
|----------|-------------------|--------------|--|-----------------|-----------------|-----------------|---------------------|
| 32383 | AD676JD | ADI | 16-Bit 100 kSPS Sampling ADC | 28-Pin DIP | P | 10 us | 16 Bits |
| 27748 | AD677JN | ADI | | | | | |
| 22813 | AD7705BN | ADI | 16-Bit, Sigma-Delta ADCs | 16P/DIP | S | | 16-bits |
| 22272 | AD7705BR | ADI | 3 V/5 V, 1 Mw 2/3Channel 16Bit, SigmaDelta ADCs | 16P-SOIC | | | 0.003% |
| 23223 | AD7706BN | ADI | 16-Bit, Sigma-Delta ADCs | 16P/DIP | S | | 16-bits |
| 32503 | AD7715AN-5 | ADI | 3 V/5 V, 450 µA 16-Bit, Sigma-Delta ADC | 16P/DIP | S | | |
| 41599 | AD9446-80LVDS/PCB | ADI | EVALUATION BOARD | | | | |
| 14366 | AD976AN | ADI | 16-Bit A TO D Converters(16-Bit, 100 Ksps, Parallel I/O A/D Converter) | DIP/28P | P | 5µs | 16-Bit |
| 37631 | AD976BN | ADI | 16-Bit A TO D Converters(16-Bit, 100 Ksps, Parallel I/O A/D Converter) | DIP/28P | P | 5µs | 16-Bit |
| 39990 | ADS1110A0IDBVT | BB | 16-Bit Analog-to-Digital Converter | SOT23-6 | | | |
| 32638 | ADS7805P | T.I. | 16-Bit 10µs Sampling CMOS ANALOG-to-DIGITAL CONVERTER | 28P/DIP | P | 10µs | |
| 32640 | ADS7805UB | BB | 16-Bit 10µs Sampling CMOS ANALOG-to-DIGITAL CONVERTER | 28P/SOIC | P | | |
| 32643 | ADS7815U | T.I. | 16-Bit 250kHz Sampling CMOS ANALOG-to-DIGITAL CONVERTER | 28P/SOIC | P | 4.0 µs | |
| 43609 | ADUC836BS | ADI | MicroConverter®, Dual 16-Bit ?-? ADCs with Embedded 62 kB Flash MCU | QFP-52P | S | | |
| 33314 | ADUC848BS62-5 | ADI | MicroConverter Multichannel 16-Bit ADCs with Embedded 62 kB Flash and Single-Cycle MCU | S-52 | S | | |
| 42050 | MAX1192ETI | DALLAS | Ultra-Low-Power, 22MSPS, Dual 8-Bit ADC | 28 Thin QFN-EP* | | | |

18-Bit A/D Converters

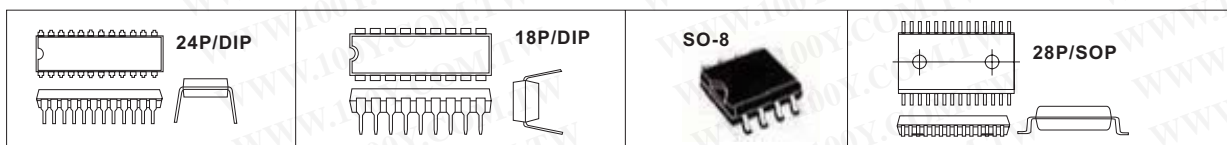
Detailed product specifications are available on: us.100y.com.tw



| Part No. | Product No. | Manufacturer | Description | Pins/Package | Serial/Parallel | Conv. Time/Rate |
|----------|-------------|--------------|-----------------------------------|--------------|-----------------|-----------------|
| 28452 | MAX132CWG | MAXIM | ±18-Bit ADC with Serial Interface | 24P/Wide SO | Serial | 63ms |
| 28230 | MAX132EWG | MAXIM | ±18-Bit ADC with Serial Interface | 24P/Wide SO | Serial | 63ms |

24-Bit A/D Converters

Detailed product specifications are available on: us.100y.com.tw



| Part No. | Product No. | Manufacturer | Description | Pins/Package | Serial/Parallel |
|----------|-------------|--------------|---|-----------------|-----------------|
| 32502 | AD7714AN-5 | ADI | 3 V/5 V, CMOS, 500 µA Signal Conditioning ADC | 24P/DIP | S |
| 32633 | ADS1210P | T.I. | 24-Bit ANALOG-TO-DIGITAL CONVERTER | 18P/DIP | S |
| 32634 | ADS1211P | T.I. | 24-Bit ANALOG-TO-DIGITAL CONVERTER | 24P/DIP | S |
| 41493 | ADS1252U | T.I. | 24-Bit, 40kHz ANALOG-TO-DIGITAL CONVERTER | so-8 | Serial |
| 48598 | ADS1256IDBT | T.I. | 28-SSOP/Qty.250 | 28-SSOP/Qty.250 | S |
| 48602 | LTC2408CG | Linear-Tech. | 28-SSOP | 28-SSOP | |

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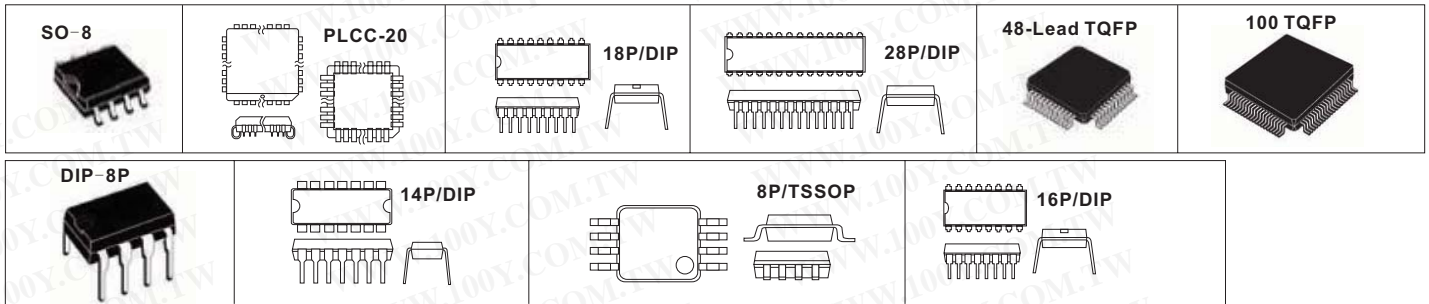
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Shanghai: 86-21-64605107
Shanghai: 100y-1@163.com

Signal Conversion IC

Digital -to- Analog Converters

Detailed product specifications are available on: us.100y.com.tw

8-Bit D/A Converters



| Part No. | Product No. | Manufacturer | Description | Pin/Package | Serial/Parallel | Setting Time | Diff. Non-Linearity | Inte. Non-Linearity | Sup. Volt. Range | |
|----------|---------------|--------------|---|--------------------|-----------------|----------------|---------------------|---------------------|------------------|-----------|
| 32268 | AD5300BRM | ADI | Rail-to-Rail Output 8-Bit DAC in an SOT-23 | 8P/SOIC | S | 6ms | ±0.25LSB | | +2.7 V to +5.5 V | |
| 32292 | AD557JN | ADI | DACPORT, Low-Cost Complete mP-Compatible 8-Bit DAC | 16P/DIP | | 1.5 us | | | +4.5 V to +5.5 V | |
| 32294 | AD557JP | ADI | DACPORT, Low-Cost Complete mP-Compatible 8-Bit DAC | 20-Pin PLCC | | 1.5 us | | | +4.5 V to +5.5 V | |
| 16408 | AD558JNZ | ADI | DACPORT Low Cost, Complete Mp-Compatible 8-Bit DAC | 16P/DIP | P | 3.0u | 11-bits | 8-bit DAC | +5 V to +15 V | |
| 32296 | AD558KN | ADI | DACPORT Low Cost, Complete Mp-Compatible 8-Bit DAC | 16P/DIP | P | 3.0u | | 8-bit DAC | +5 V to +15 V | |
| 32409 | AD7224KN | ADI | LC2MOS 8-Bit DAC with Output Amplifiers | 18P/DIP | | | ±1 LSB max | | 11.4 V to 16.5 V | |
| 48900 | AD7224LR-18 | ADI | ADI_SOIC-18 | SOIC-18 | | | | | -0.3V,+17V | |
| 5874 | AD7226KN | ADI | Quad 8-bit DAC with o/p amplifiers(Quad 8-Bit D/A Converter) | 20P/DIP | P | 7µs | ±1LSB | ±2LSB | 11.4~16.5 | |
| 44656 | AD7226KR | ADI | Quad 8-bit DAC with o/p amplifiers(Quad 8-Bit D/A Converter) | 20P/SOP | P | 7µs | ±1LSB | ±2LSB | 11.4~16.5 | |
| 32423 | AD7305BN | ADI | +3 V/+5 V, Rail-to-Rail Quad, 8-Bit DAC | 20P/DIP | P | 2µs | ±1 LSB max | ±1 LSB max | 2.7-5.5V | |
| 32453 | AD7523JN | Intersil | 8-Bit, Multiplying D/A Converters | 16P/DIP | P | 150ns (Max) | | | +5V to +15V | |
| 24094 | AD7524JN | ADI | 8-Bit Buffered Multiplying DAC | 16P/DIP | | | | | | |
| 8228 | AD7528JN | ADI | 8-bit D/A(8-Bit Buffered Multiplying DAC) | 20P/DIP | P | 400nS | ±1 LSB | ±1 LSB | 5~15 | |
| 16440 | AD7528KNZ | ADI | 8-bit D/A | 20P/DIP | S | 350nS | ±1/2 LSB | ±1/2 LSB | 5~15V | |
| 32458 | AD7533JN | Intersil | 8-Bit, Multiplying D/A Converters | 16P/DIP | P | 150ns (Max) | | | +5V to +15V | |
| 32461 | AD7533KN | Intersil | 8-Bit, Multiplying D/A Converters | 16P/DIP | P | 150ns (Max) | | | +5V to +15V | |
| 32489 | AD7581JN | ADI | CMOS µP-Compatible 8-Bit 8-Channel DAS | 28P/DIP | P | | ±1 LSB | | +5V | |
| 17732 | AD7628KN | ADI | D to A Converters 8 Bit | 20P/DIP | P | 34µs | ± 1 LSB | ± 2LSB | 10.8-15.75V | |
| 17890 | AD9768JD | ADI | Ultrahigh Speed IC D/A Converter | 18P/DIP | | 5nS | 0.2 | 0.2 | ±0.5V | |
| 34290 | ADV7120KST50 | ADI | CMOS 80 MHz, Triple 8-Bit Video DAC | 48-Lead TQFP | S | | ±0.5 LSB max | ±1 LSB max | 4.75V-5.25V | |
| 40095 | AIC1610PO | AIC | High Efficiency Synchronous Step-Up DC/DC | MSOP-8 | | | | | 1.1~5.5V | |
| 48626 | BT473KPJ35 | | D/A Converters IC | 68P-PLCC | S | 8-bit | | | | |
| 23264 | DAC0800LCM | N.S | 8-Bit Digital-to-Analog Converter | 16P/SOP | | 100ns | | +/-10ppm | 4.5~18V | |
| 5385 | DAC0800LCN | N.S | 8-Bit Digital-to-Analog Converters | 16P/DIP | P | 100ns | 0.19% FS | 0.19% FS | ±5V ~ ±15V | |
| 4336 | DAC0808LCN | N.S | 8-Bit D/A Converter | 16P/DIP | P | 150nS | 0.19% | ±0.5LSB | ±5V ~ ±15V | |
| 4941 | DAC0832LCN | N.S | 8-Bit Up D/A Conv. Dbl. Buff.(8-Bit Mp Compatible, Double-Buffered D to A Converters) | 20P/DIP | P | 1uS | 0.4% FSR | 0.2% FSR | 5~15V | |
| 32938 | DAC08CN | PHILIPS | 8-Bit high-speed multiplying D/A converter | 16P/DIP | P | 70ns | ±0.78 %FS | | ±4.5V to ±18V | |
| 32939 | DAC08CP | ADI | 8-Bit, High-Speed, Multiplying D/A Converter (Universal Digital Logic Interface) | 16P/DIP | P | 85 -150 ns | ±0.39 % FS | | ±4.5V to ±18V | |
| 32940 | DAC08CS | ADI | 8-Bit, High-Speed, Multiplying D/A Converter (Universal Digital Logic Interface) | 16P/SOIC | P | 85- 150 ns | ±0.39 % FS | | ±4.5V to ±18V | |
| 4927 | DAC08EP | ADI | 8-Bit, High Speed,Multiplying D/A Converter(Universal Digital Logic Interface) | 16P/DIP | P | 85nS | ±0.19% | FS | ±4.5V TO ±18V | |
| 32954 | DAC8248FP | ADI | Dual 12-Bit 8-Bit Byte Double-Buffered CMOS D/A Converter | 24-Pin Plastic DIP | P | 1µs | ±1 LSB | | 5-15V | |
| 40576 | DAC8408FPZ | ADI | Quad 8-Bit Multiplying CMOS D/A Converter with Memory | 28P/DIP | P | 190ns | ±1 LSB | ±1/2 LSB | 4.5~5.5V | |
| 32959 | DAC8800FP | ADI | tal 8-Bit CMOS D/A Converter | 20P/DIP | S | 2µs | ±1 LSB | | 12V | |
| 42610 | DS90CR483VJDX | N.S | 48-BitLVDSChannellinkSER/DES—33-112MHz | 100 TQFP | | | | | 70.3Vto+4V | |
| 33495 | HI1171JCB | Intersil | 8-Bit, 40 MSPS, High Speed D/A Converter | 24 Ld SOIC | P | 10ns | ±0.25 LSB | -0.5~1.3 LSB | 5V | |
| 34985 | MAX506ACPP | MAXIM | Quad 8-Bit DACs with Rail-to-Rail Voltage Outputs | 20P/DIP | P | 6µs | ±1LSB | | -5V to +5V | |
| 34986 | MAX517ACPA | MAXIM | 2-Wire Serial 8-Bit DACs with Rail-to-Rail Outputs | 8 Plastic DIP | S | 6µs | ±1 LSB | | 4.5V - 5.5V | |
| 34988 | MAX521ACPP | MAXIM | Quad/Octal, 2-Wire Serial 8-Bit DACs with Rail-to-Rail Outputs | 20 Plastic DIP | S | 6µs | ±1.0 LSB | | 4.5 -5.5V | |
| 34963 | MAX521ACWG | MAXIM | Quad/Octal, 2-Wire Serial 8-Bit DACs with Rail-to-Rail Outputs | 24P/SO | S | 6µs | ±1.0 LSB | | 4.5 - 5.5V | |
| 28417 | MAX548AEUA-T | MAXIM | +2.5V to +5.5V, Low-Power, Single/Dual,8-Bit Voltage-Output DAC | 8P/TSSOP | S | 4µs | +0.9LSB | 8-Bit DAC | -2.5~5.5V | |
| 34995 | MAX550ACPA | MAXIM | +2.5V to +5.5V, Low-Power, Single/Dual,8-Bit Voltage-Output DACs | 8 Plastic DIP | S | 4µs | ±0.9 LSB | | +2.5V to +5.5V | |
| 41732 | MAX5541CSA | MAXIM | Low-Cost, +5V, Serial-Input,Voltage-Output, 16-Bit DAC | sop-8 | | +2.5V to +5.5V | 1µs | ±1.0Bits | ±16LSB | 0.8v-2.4v |



Signal Conversion IC

8-Bit D/A Converters

Detailed product specifications are available on: us.100y.com.tw

| Part No. | Product No. | Manufacturer | Description | Pin/Package | Serial/Parallel | Setting Time | Diff. Non-Linearity | Inte. Non-Linearity | Sup. Volt. Range |
|----------|--------------|--------------|--|---------------------------|-----------------|--------------|---------------------|---------------------|------------------|
| 42584 | MX7226KEWP-T | MAXIM | | | | | | | |
| 33695 | TDA8702 | PHILIPS | 8-bit video digital-to-analog converter | 16P/DIP | | | | | |
| 23315 | TLC0820ACDW | T.I. | 8-BIT ANALOG-TO-DIGITAL CONVERTERS WITH SERIAL CONTROL | 20P/PLASTIC SMALL OUTLINE | Serial | 50nS | ±1/16LSB | ±1LSB | 5V |
| 18429 | TLC0832CP | T.I. | 8-BIT ANALOG-TO-DIGITAL CONVERTERS WITH SERIAL CONTROL | 8P/DIP | Serial | 350nS | ±1/16LSB | ±1LSB | 4.5-5.5V |
| 18430 | TLC0834CN | T.I. | 8-BIT ANALOG-TO-DIGITAL CONVERTERS WITH SERIAL CONTROL | 14P/DIP | Serial | 350nS | ±1/16LSB | ±1LSB | 4.5-5.5V |
| 18431 | TLC0838CN | T.I. | 8-BIT ANALOG-TO-DIGITAL CONVERTERS WITH SERIAL CONTROL | 20P/DIP | Serial | 350nS | ±1/16LSB | ±1LSB | 4.5-5.5V |
| 33377 | TLC5620CN | T.I. | QUADRUPLE 8-BIT DIGITAL-TO-ANALOG CONVERTERS | 14P/DIP | | | | | |
| 13165 | TLC5628CN | T.I. | Oct 8-bit D/A Conv.(8-Bit, 10ms 5V Octal Serial DAC) | 16P/DIP | S | 10nS | ±0.9LSB | ±1LSB | 7V |
| 33381 | TLC7226CN | T.I. | QUADRUPLE 8-BIT DIGITAL-TO-ANALOG CONVERTERS | 20P/DIP | | | | | |
| 33384 | TLC7524CN | T.I. | 8-BIT MULTIPLYING DIGITAL-TO-ANALOG CONVERTERS | 16P/DIP | | 100ns | | | |
| 13167 | TLV5621EN | T.I. | Low Power 8 Bit Quad DAC | 14P/DIP | S | 10uS | ±0.1LSB | ±1LSB | 2.7-5.5V |

10-Bit D/A Converters

Detailed product specifications are available on: us.100y.com.tw



| Part No. | Product No. | Manufacturer | Description | Pin/Package | Serial/Parallel | Setting Time | Diff. Non-Linearity | Inte. Non-Linearity | Sup. Volt. Range |
|----------|---------------|--------------|--|---------------|-----------------|--------------|---------------------|---------------------|------------------|
| 32271 | AD5310BRM | ADI | +2.7 V to +5.5 V, 140 mA, Rail-to-Rail Voltage Output 10-Bit DAC in a SOT-23 | 8P/SOIC | S | 8ms | ±0.5LSB | | +2.7 V to +5.5 V |
| 32272 | AD5312BRM | ADI | +2.5 V to +5.5 V, 230 mA Dual Rail-to-Rail, Voltage Output 10-Bit DACs | 10-Lead mSOIC | S | 9ms | ±0.5LSB | | +2.5 V to +5.5 V |
| 32459 | AD7533LN | Intersil | 8-Bit, Multiplying D/A Converters | 16P/DIP | P | 150ns (Max) | | | +5V to +15V |
| 37981 | ADV7123KST140 | ADI | CMOS 330 MHz, Triple 10-Bit High Speed Video DAC | 48-Lead LQFP | | | | | |
| 37980 | ADV7123KST50 | ADI | CMOS 330 MHz, Triple 10-Bit High Speed Video DAC | 48-Lead LQFP | | | | | |
| 17623 | DAC210GX | ADI | D to A, RGB/YUV output, 10 bit, full 601 filtering | DIP/18P | | | | | |
| 39637 | MAX5721EUA | MAXIM | 10-Bit, Low-Power, Dual, Voltage-Output DAC with Serial Interface | 8-Pin µMAX | 3-Wire SPI | 4µs | | | 2.7V-5.5V |
| 13166 | TLC5615CP | T.I. | 10 Bit 12.5uS 5V Single Serial DAC | 8P/DIP | 3-Wire S | 12.5uS | ±0.1LSB | ±1LSB | 5V |

12-Bit D/A Converters

Detailed product specifications are available on: us.100y.com.tw



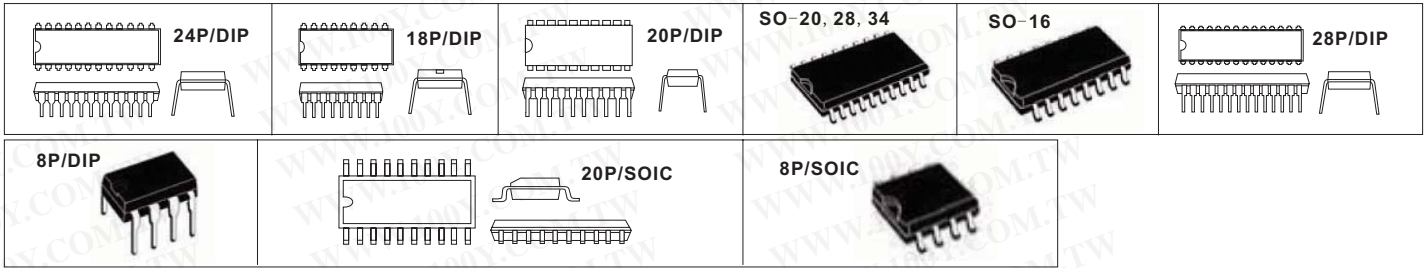
| Part No. | Product No. | Manufacturer | Description | Pin/Package | Serial/Parallel | Setting Time | Diff. Non-Linearity | Gain Error | Sup. Volt. Range |
|----------|-------------|--------------|---|-----------------|-----------------|--------------|---------------------|----------------|------------------|
| 32274 | AD5320BRM | ADI | +2.7 V to +5.5 V, 140 mA, Rail-to-Rail Output 12-Bit DAC in a SOT-23 | 8P/SOIC | S | 10 µs | ± 1 LSB | ±1.25 % of FSR | +2.7 V to +5.5 V |
| 32273 | AD5322BRM | ADI | 2.5 V to +5.5 V, 230 mA Dual Rail-to-Rail, Voltage Output 12-Bit DACs | 10-Lead mSOIC | S | 10ms | ±1LSB | ±1 % of FSR | +2.5 V to +5.5 V |
| 16191 | AD667JNZ | ADI | Microprocessor-Compatible 12-Bit D/A Converter | 28P/DIP | P | 3µs | ±1/2 LSB | ±0.1%FSR | ±12 V |
| 32475 | AD7233AN | ADI | 12-Bit Serial Mini-DIP DACPORT | 8P/DIP | S | | ±1/2 LSB | | +10.8/+16.5V |
| 11496 | AD7237JN | ADI | Dual 12-bit DACPORTs (Dual 12-Bit Complete DAC with Double Buffered Byte Loading) | 24P/DIP | P | 8us | ±1 LSB | - | 12-15V |
| 40572 | AD7237KN | ADI | D to A Converters 12 Bit | 24P/Plastic DIP | P | 15µs | ± 1/2 LSB | ±3 LSB | 10.8-16.5V |
| 27002 | AD7237KNZ | ADI | D to A Converters 12 Bit | 24P/Plastic DIP | P | 15µs | ± 1/2 LSB | ±3 LSB | 10.8-16.5V |
| 32420 | AD7243AN | ADI | 12-Bit Serial DACPORT | 16P/DIP | S | 10µs | ±0.9 LSB max | +/-6 LSB | 10.8-16.5V |
| 32421 | AD7245JN | ADI | 12-Bit CMOS DAC PORTS | 24P/DIL | P | 10µs | ±1 LSB max | ±2 LSB max | 15.75V max |
| 32422 | AD7248JN | ADI | 12-Bit CMOS DAC PORTS | 20P/DIL | P | 10µs | ±1 LSB max | ±2 LSB max | 10.8-16.5V |
| 39482 | AD7304BRU | ADI | 3 V/5 V, Rail-to-Rail Quad, 8-Bit DAC | 16-Lead TSSOP | s | 50ns | ±1LSB max | ± 10% LSB max | 3V |
| 32435 | AD7394AN | ADI | +3 V, Dual, Serial Input 12-Bit DAC | 14P-DIP | S | 70µs | ±1 LSB max | ±2 LSB | 2.7-5.5V |



Signal Conversion IC

12-Bit D/A Converters

Detailed product specifications are available on: us.100y.com.tw



| Part No. | Product No. | Manufacturer | Description | Pin/Package | Serial/Parallel | Setting Time | Diff. Non-Linearity | Gain Error | Sup. Volt. Range |
|----------|-------------|--------------|--|----------------|-----------------|---------------------|---------------------|----------------|-------------------------|
| 32436 | AD7396AN | ADI | 3 V, Parallel Input Dual 12-Bit DAC | 24P/DIP | P | 70µs | 0.9LSB max | - | 2.7-5.5V |
| 43012 | AD7502KN | ADI | 4-/8-Channel Analog Multiplexers | DIP-16 | | | | | -17V-25V |
| 17731 | AD7537JN | ADI | D to A Converters 12 Bit | 24P/DIP | P | 15µs | ± 1 LSB | ± 6 LSB | 10.8-16.5V |
| 14365 | AD7541AJN | ADI | (12-Bit CMOS Multiplying DAC | 18P/DIP | Parallel | 1µs | ±1 LSB | ±6 LSB | 5-16V |
| 4863 | AD7541AKNZ | ADI | 12-bit CMOS Multiplying DAC-Pb Free | 18P/DIP | P | 0.6µs | ±1/2 LSB | ±1 LSB | 5~16V |
| 18682 | AD7542JN | ADI | COMS µP-Compatible 12-Bit DAC | 16P/DIP | P | 2µs | ± 1 LSB | ± 3 LSB | 5V |
| 32479 | AD7543JN | ADI | CMOS Serial Input 12-Bit DAC | 16P/DIP | S | 2.0µs max | ±2 LSBmax | ±12.3 LSB | +5V |
| 32482 | AD7545AKNZ | ADI | CMOS 12-Bit Buffered Multiplying DAC | 20P/DIP | P | 2µs | ±1 LSB max | ±4 LSB max | 5V - 15V |
| 47591 | AD7545LN | ADI | CMOS 12-BitBuffered Multiplying DAC | DIP-20 | | | | | 5-15V |
| 23803 | AD7548JR | ADI | 8-Bit mP Compatible 12-Bit DAC | 20P/SOIC | | 1.5 ms | ±1 LSB | - | |
| 15564 | AD7548KNZ | ADI | 8-Bit mP Compatible 12-Bit DAC | 20P/DIP | P | 1.5 ms | ±1/2 LSB | - | 5V |
| 38929 | AD7549JN | ADI | Dual 12-Bit uP-Compatioe DAC | 20P/DIP | | | | | |
| 32501 | AD767JN | ADI | Microprocessor-Compatible 12-Bit D/A Converter | 24P/DIP | P | 3 ms max to 1/2 LSB | ±1 LSB | ±0.2 % of FSR | 12-15V |
| 32549 | AD7845JN | ADI | LC2MOS Complete 12-Bit Multiplying DAC | 24P/DIP | P | 5 µs max | ±1 LSB max | ±3 LSB max | 14.25/15.75 V min/V max |
| 40369 | AD7847BN | ADI | LC2MOS Complete, Dual 12-Bit MDACs | DIP | | | | | |
| 40137 | AD9762JR | ADI | 12-bit 125MSPS TxDAC D/A Converter | 28P/SOIC | | 35ns | | | |
| 32941 | DAC312HP | ADI | 12-Bit High Speed Multiplying D/A Converter | 20P/DIP | P | 250 ns | ±1/2 LSB | | ±18V |
| 32942 | DAC4813AP | BB | QUAD 12-BIT DIGITAL-TO-ANALOG CONVERTER 12-bit port interface | 28P/DIP | P | | ±1/2LSB | ±0.05 - ±0.2 % | ±12V to ±15V |
| 32944 | DAC4814AP | BB | Quad 12-Bit Digital-to-Analog Converter Serial Interface | 28P/DIP | S | | ±1 LSB | ±0.2% | 11.4-18.5V |
| 39222 | DAC7615UB | T.I. | Quad, Serial Input, 12-Bit, Voltage Output DIGITAL-TO-ANALOG CONVERTER | 16P/SOIC | | | ±1 LSB | ±1 LSB | |
| 32950 | DAC7802KP | T.I. | Dual Monolithic CMOS 12-Bit Multiplying DIGITAL-TO-ANALOG CONVERTERS | 24P/DIP | P | | ±1 LSB | ±3LSB | 4.5-5.5V |
| 32951 | DAC7802KU | T.I. | Dual Monolithic CMOS 12-Bit Multiplying DIGITAL-TO-ANALOG CONVERTERS | 24P/SO | P | | ±1 LSB | ±3LSB | 4.5-5.5V |
| 40367 | DAC811BH | BB | 12-BIT DIGITAL-TO-ANALOG CONVERTER | DIP | | | | | |
| 32953 | DAC813JP | BB | Microprocessor-Compatible 12-BIT DIGITAL-TO-ANALOG CONVERTER | 28P/DIP | P | | ±1/2 LSB | ±0.2% | 11.4-16.5V |
| 32957 | DAC8420FP | ADI | Quad 12-Bit Serial Voltage Output DAC | 16P/DIP | S | 8 µs | ±1 LSB | | +5 V-Only to ±15 V |
| 32958 | DAC8512FP | ADI | +5 V, Serial Input Complete 12-Bit DAC | 8P/DIP | S | 16 µs | +1 LSB | | +5V |
| 34989 | MAX525BCPP | MAXIM | Low-Power, Quad, 12-Bit Voltage-Output DAC with Serial Interface | 20 Plastic DIP | S | 12µs | ±1.0 LSB | -0.8 LSB | 4.5 - 5.5V |
| 34990 | MAX526CCNG | MAXIM | Galibrated Quad 12-Bit Voltage-Output D/A Converters | 24P/DIP | | 3µs | ±1 LSB | ±1.0 LSB | 10.8 - 16.5V |
| 27869 | MAX527DCNG | MAXIM | D to A Converters 12 Bit | 24P/DIP | | 3µs | | | |
| 39303 | MAX532BCPE | MAXIM | Dual, Serial-Input, Voltage-Output, 12-Bit MDAC | 16P/DIP | | | ±1 LSB | | |
| 34991 | MAX536ACPE | MAXIM | Calibrated, Quad, 12-Bit Voltage-Output DACs with Serial Interface | 16 Plastic DIP | S | 3µs | ±1 LSB | ±1.0 LSB | 10.8 - 16.5V |
| 34992 | MAX536ACWE | MAXIM | Calibrated, Quad, 12-Bit Voltage-Output DACs with Serial Interface | 16P/SO | S | 3µs | ±1 LSB | ±1.0 LSB | 10.8 - 16.5V |
| 34993 | MAX543ACPA | MAXIM | CMOS, 12-Bit, Seral-Input Multiplying DAC | 8P/DIP | S | 0.25µs | ±1/2 LSB | ±1 LSB | 11.4 - 15.75V |
| 39601 | TLC7528EN | T.I. | DUAL 8-BIT MULTIPLYING | DIP/20P | | 100 ns | | 1/2 LSB | |
| 33331 | TLV5638ID | T.I. | 12-BIT DIGITAL-TO-ANALOG | 8P/SOIC | | | <0.5 LSB | | 2.7 V TO 5.5 V |

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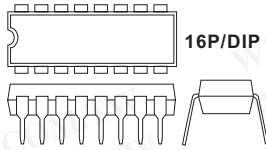
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40-06

Signal Conversion IC

18-Bit D/A Converters

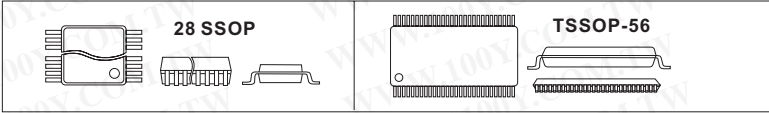
Detailed product specifications are available on: us.100y.com.tw



| Part No. | Product No. | Manufacturer | Description | Pin/Package | Serial/Parallel | Setting Time | Diff. Non-Linearity | Sup. Volt. Range |
|----------|-------------|--------------|--|-------------|-----------------|--------------|----------------------|------------------|
| 32226 | AD1851N | ADI | 16-bit resolution provides 96 dB dynamic range. | DIP-16P | S | 1.5 μ s | $\pm 0.001\%$ of FSR | ± 5 V |
| 42698 | AD1861NZ-J | ADI | 18-bit resolution provides 108 Db dynamic range.(18-Bit 16 3 FS CPM Audio DAC) | 16P/DIP | S | 1.5 μ s | | ± 5 V |

24-Bit D/A Converters

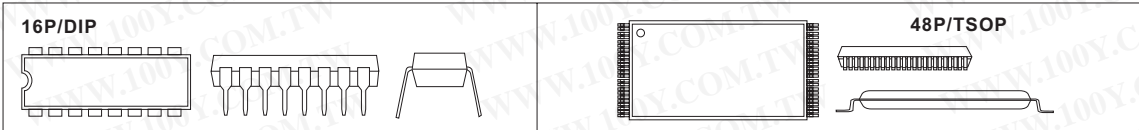
Detailed product specifications are available on: us.100y.com.tw



| Part No. | Product No. | Manufacturer | Description | Sup. Volt. Range | Pin/Package |
|----------|----------------|--------------|--|------------------|-------------|
| 32231 | AD1855JRS | ADI | Stereo, 96 kHz, Multibit | 5V | 28P/SSOP |
| 42598 | DS90C383BMT | N.S | +3.3VProgrammableLVDSTransmitter24-BitFlatPanelDisplay(FPD)Link-65MHz | ?0.3Vto+4V | 56 TSSOP |
| 42599 | DS90C385AMT | N.S | 3.3VProgrammableLVDSTransmitter24-BitFlatPanelDisplayLink-87.5MHz | 3.0V-3.6V | 56 TSSOP |
| 42602 | DS90CF384AMTDX | N.S | 3.3VLVDSReceiver24-BitFlatPanelDisplay(FPD)Link-65MHz,+3.3VLVDSReceiver18-BitFlatPanelDisplay(FPD)Link-65MHz | 3.0-3.3-3.6V | 55 TSSOP |

20-Bit D/A Converters

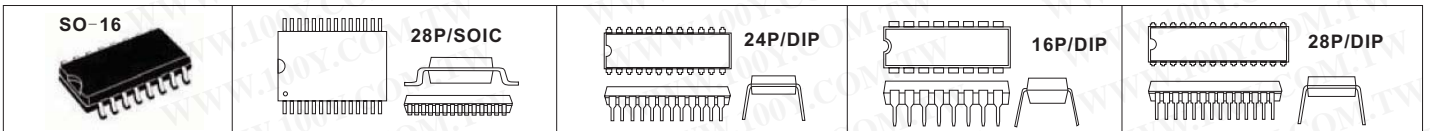
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| Part No. | Product No. | Manufacturer | Description | Setting Time | Sup. Volt. Range | Pin/Package |
|----------|----------------|--------------|--|--------------|------------------|-------------|
| 32233 | AD1862N | ADI | Ultralow Noise20-Bit Audio DAC | 350ns | ± 12 V | 16-Pin DIP |
| 42604 | DS90CR217MTDX | N.S | +3.3VRisingEdgeDataStrobeLVDS21-BitChannelLink-85MHz | | 3.0-3.3-3.6V | 48 TSSOP |
| 42606 | DS90CR218AMTD | N.S | +3.3VRisingEdgeDataStrobeLVDS21-BitChannelLink-85MHz | | | 48 TSSOP |
| 42608 | DS90CR218AMTDX | N.S | +3.3VRisingEdgeDataStrobeLVDS21-BitChannelLink-85MHz | | | 48 TSSOP |

16-Bit D/A Converters

Detailed product specifications are available on: us.100y.com.tw



| Part No. | Product No. | Manufacturer | Description | Serial/Parallel | Setting Time | Diff. Non-Linearity | Inte. Non-Linearity | Sup. Volt. Range | Pin/Package |
|----------|-------------|--------------|--|-----------------|---------------|----------------------|---------------------|--------------------------|-------------|
| 32241 | AD1866R | ADI | Single Supply Dual 16-Bit Audio DAC | | | | | 5V | 16-pin SOIC |
| 32242 | AD1877JR | ADI | Single-Supply 16-Bit Stereo ADC | | | | | 5V | 28pin-SOIC |
| 32257 | AD420AN-32 | ADI | Serial Input 16-Bit 4 mA-20 mA, 0 mA-20 mA DAC | S | 3ms | | $\pm 0.012\%$ | 12-32V | 24P/DIP |
| 32258 | AD421BN | ADI | Loop-Powered 4 mA to 20 mA DAC | S | 8 ms | | $\pm 0.01\%$ of FS | | 16P/DIP |
| 29247 | AD669AN | ADI | Monolithic 16-Bit DACPORT | Parallel Input | 6 μ s | | ± 1 LSB | 17V | 28 ld PDIP |
| 32500 | AD766JN | ADI | 16-Bit DSP DACPORT | S | | $\pm 0.001\%$ of FSR | | 4.75 - 13.2 V | 16P/DIP |
| 32506 | AD7846JN | ADI | 16-Bit DSP DACPORT IC | P | 6 μ s max | ± 1 LSB max | ± 2 LSBs | +11.4/+15.75 V min/V max | 28P/DIP |
| 32945 | DAC712P | BB | 16-BIT DIGITAL-TO-ANALOG CONVERTER With 16-Bit Bus Interface | P | | ± 4 LSB | ± 4 LSB | +16.5V | |
| 32947 | DAC715P | BB | 16-BIT DIGITAL-TO-ANALOG CONVERTER with 16-Bit Bus Interface | P | | ± 4 LSB | ± 4 LSB | 16.5V | 28-LEAD DIP |

14-Bit D/A Converters

Detailed product specifications are available on: us.100y.com.tw



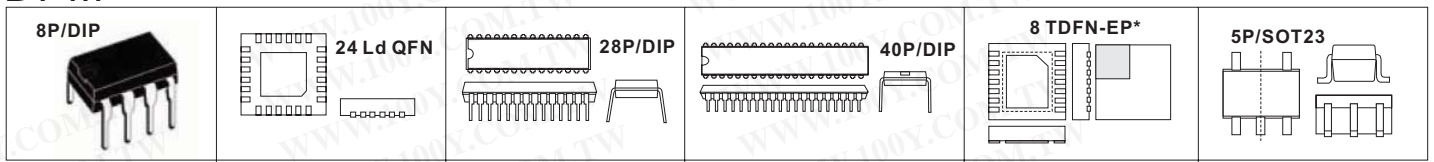
| Part No. | Product No. | Manufacturer | Description | Serial/Parallel | Setting Time | Diff. Non-Linearity | Sup. Volt. Range | Pin/Package |
|----------|-------------|--------------|--------------------------------------|-----------------|-----------------|---------------------|------------------|-------------|
| 32463 | AD7534JN | ADI | 14-Bit monolithic CMOS D/A converter | | 1.5 μ s max | ± 1 LSB max | 11.4 To 15.75V | 20P/DIP |
| 32467 | AD7538JN | ADI | 14-bit monolithic CMOS D/A converter | P | 1.5 μ s | ± 1 LSB max | 11.4-15.75V | 24P/DIP |



Signal Conversion IC

DPM DPM

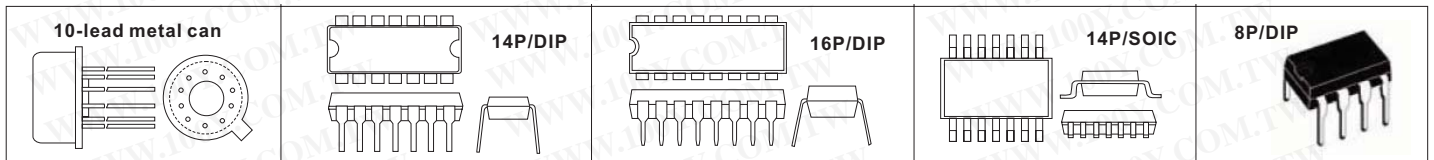
Detailed product specifications are available on: us.100y.com.tw



| Part No. | Product No. | Manufacturer | Description | Pin/Package | Supply Range |
|----------|-----------------|--------------|---|----------------------|--------------|
| 19314 | ADC0832LCN | N.S | 8-Bit Serial I/O A/D Converters with Multiplexer Option | 8P/DIP | |
| 3919 | ICL7107CPL | HARRIS | A/D converter 3.5 digit dvm IC LED | 40P/DIP | 0-15V |
| 29526 | ICL7135CN | T.I. | A/D converter, 4 digit, dual slope | 28P/DIP | 4-6V |
| 1295 | ICL7135CPI | HARRIS | A/D converter, 4? digit, dual slope(Harris- 4 1/2 Dig. D to A Conv) | 28P/DIP | 4-6V |
| 38851 | ICL7135CPIZ | Intersil | 4 1/2 Digit, BCD Output, A/D Converter | 28P/DIP | |
| 42084 | MAX1599ETA+T | MAXIM | High-Efficiency, 26V Step-Up Converters | 8 TDFN-EP* | 26V |
| 42553 | MAX8761ETG+T | MAXIM | Low-Cost, Linear-Regulator LCD Panel Power Supplies | 24 Thin QFN4mm x 4mm | 8V-28V |
| 48719 | REG102NA-3.3/3K | T.I. | TI_SOT23-5 Tape and reel,3000 marking:R02C | SOT23-5 | -0.3V-12V |
| 42688 | REG104GA-5/2K5 | T.I. | DMOS 1A Low-Dropout Regulator | SOT223-5 | -0.3V-16V |

Voltage to Frequency and Frequency to Voltage Voltage to Frequency and Frequency to Voltage

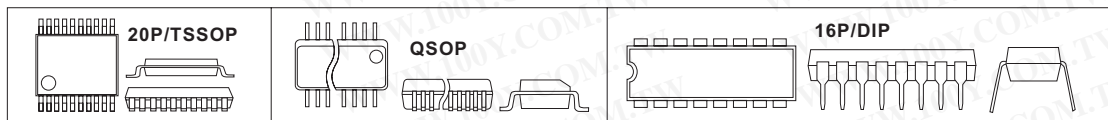
Detailed product specifications are available on: us.100y.com.tw



| Part No. | Product No. | Manufacturer | Description | Pins/Package | Vcc | Icc(mA) | Temp Range |
|----------|-------------|--------------|---|-------------------|-------------|---------|------------------|
| 32287 | AD537JH | ADI | Integrated Circuit Voltage-to-Frequency Converter | 10-lead metal can | 5 V to 36 V | 1.2 mA | |
| 32374 | AD650JN | ADI | Voltage-to-Frequency and Frequency-to-Voltage Converter | 14P/DIP | 36 V | | 0 to +70 °C |
| 32376 | AD652AQ | ADI | Monolithic Synchronous Voltage-to-Frequency Converter | 16P/DIP | 36 V | | -40 to +85°C |
| 32378 | AD654JN | ADI | Low Cost Monolithic Voltage-to-Frequency Converter | 8P/DIP | 36V | | -40°C to +85°C |
| 32380 | AD654JR | ADI | Low Cost Monolithic Voltage-to-Frequency Converter | 8P/SOIC | 36V | | -40°C to +85°C |
| 32658 | ADVFC32KN | ADI | Voltage-to-Frequency and Frequency-to-Voltage Converter | 14P/DIP | | | 0°C to 70°C |
| 41951 | DS1869S-10 | DALLAS | 3V Dallastat™ Electronic Digital Rheostat | | 3V | | (-40°C to +85°C) |
| 29729 | KA331 | Fairchild | Fairchild_PRECISION Voltage-to-Frequency Converters | 8P/DIP | 40V | 8mA | 0~+70°C |
| 7511 | LM2907N | N.S | Frequency to voltage Converter | 14P/DIP | 28V | 25mA | -40°C to +85°C |
| 27006 | LM2907N-8 | N.S | Frequency to voltage Converter | 8P/DIP | 28V | 25mA | -40°C to +85°C |
| 7513 | LM2917N-14 | N.S | Frequency to voltage Converter | 14P/DIP | 28V | 25mA | -40°C to +85°C |
| 6843 | LM2917N-8 | N.S | Frequency to voltage converter | 8P/DIP | 28V | 25mA | -40°C to +85°C |
| 6606 | LM331N | N.S | Precis. Volt to freq. Converter(150ppm/°C)(PRECISION Voltage-to-Frequency Converters) | 8P/DIP | 40V | 8mA | 0°C ~ +70°C |
| 32581 | TC9400COD | TelCom | Voltage-to-Frequency/Frequency-to-Voltage Converters | 14P/SOIC | | | 0°C to +70°C |
| 17193 | TC9400CPD | MICRO-CHIP | Voltage-to-Frequency/Frequency-to-Voltage | 14P/DIP | +8V to +15V | 6mA | 0°C to +70°C |
| 33052 | VFC32BM | BB | Voltage-to-Frequency and Frequency-to-Voltage Converter | TO-100 Metal | 22V | | -25°C to +85°C |
| 33051 | VFC32KP | BB | Voltage-to-Frequency and Frequency-to-Voltage Converter | 14P/PDIP | 22V | | 0°C to 70°C |
| 33055 | VFC32KU | BB | Voltage-to-Frequency and Frequency-to-Voltage Converter | SO-14 SOIC | 22V | | 0°C to +70°C |
| 33054 | VFC32SM | BB | Voltage-to-Frequency and Frequency-to-Voltage Converter | TO-100 Metal | 22V | | -55°C to +125°C |

Remote (Incode/Decode) Control IC Remote (Incode/Decode) Control IC

Detailed product specifications are available on: us.100y.com.tw



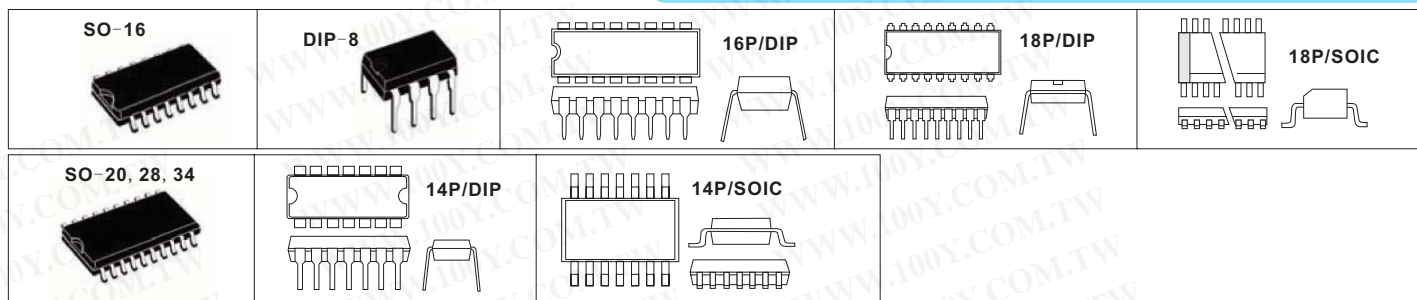
| Part No. | Product No. | Manufacturer | Description | Pins-Package | Vcc | Operating Temperature | Storage Temperature |
|----------|-------------|--------------|---|--------------|--------------|-----------------------|---------------------|
| 41532 | ADG3308BRUZ | ADI | Low Voltage 1.15 V to 5.5 V, 8-Channel, Bidirectional, Logic Level Translator | 20P/TSSOP | 1.15-5.5V | -40°C to +85°C | 25°C |
| 42097 | MAX1617MEE | MAXIM | Remote/Local Temperature Sensor | 16 QSOP | +3V to +5.5V | -55°C to +125°C | -65°C to +165°C |
| 6869 | MC145026P | MOTOROLA | CMOS Remote control encoder(Encoder and Decoder Pairs CMOS) | 16P/DIP | 2.5V-18V | -40 to +85°C | -65 to +150°C |
| 6870 | MC145027P | MOTOROLA | CMOS Remote control decoder (5-Bit)(Encoder and Decoder Pairs CMOS) | 16-DIP | 4.5-18V | -40 to +85°C | -65 to +150°C |
| 6871 | MC145028P | MOTOROLA | CMOS Remote control decoder (9-Bit)(Encoder and Decoder Pairs CMOS) | 16-DIP | 4.5V-18V | -40 to + 85°C | -65 to +150°C |
| 23369 | MC3373P | MOTOROLA | REMOTE CONTROL AMPLIFIER/DETECTOR | | | | |



Signal Conversion IC

Remote (Incode/Decode) Control IC

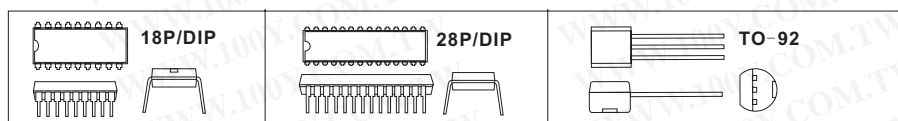
Detailed product specifications are available on: us.100y.com.tw



| Part No. | Product No. | Manufacturer | Description | Pins-Package | Vcc | Operating Temperature | Storage Temperature |
|----------|--------------|--------------|---|--------------|-----------------|-----------------------|---------------------|
| 41378 | MC74AC138D | MOTOROLA | This device is ideally suited for high-speed bipolar memory chip select address decoding. | 16p/SOIC | 2.0v/6.0v | -40 °C / 85°C | 25°C |
| 46452 | MCP2120-I/SL | MICRO-CHIP | Incode/Decode Control IC | SOIC-14 | 2.7-5.5V | -40-85°C | |
| 27780 | PT-2308 | PTC | Headphone Driver | 8P/DIP | 8V | -45-85°C | -65-150°C |
| 39243 | PT2248 | PTC | Infrared Remote Control Transmitter | 16P/DIP | 2.2 ~ 5.0 V | -40 ~ +85°C | -65-+150°C |
| 32142 | PT2249A | PTC | Infrared Remote Control Receiver | 16P/DIP | 2.3-5V | 0 ~ +70°C | |
| 22072 | PT2262 | PTC | Remote control Encoder | 18P-DIP | 4-15V | -20-70°C | -40-125°C |
| 19462 | PT2262-IRS | PTC | Remote control Encoder | 20P-SO | 4-15V | -20-70°C | -40-125°C |
| 19593 | PT2262-S18 | PTC | Remote control Encoder | 18P-SO | 4-15V | -20-70°C | -40-125°C |
| 40115 | PT2268 | PTC | Remote Control Encoder | DIP-16P | 2.2 ~ 5.0 Volts | | |
| 41322 | PT2272 | PTC | Remote control Encoder | 18P-DIP | 4-15V | -20-70°C | -40-125°C |
| 21911 | PT2272-L4 | PTC | Remote control Encoder | 18P-DIP | 4-15V | -20-70°C | -40-125°C |
| 21912 | PT2272-M4 | PTC | Remote control Encoder | 18P-DIP | 4-15V | -20-70°C | -40-125°C |
| 19463 | PT2272A-L2S | PTC | Remote Control Decoder | 20P-SO | 4-15V | | |
| 48533 | TC9148P | TOSHIBA | infrared remote control transmitter | DIP-16P | 6V | | |
| 11395 | TDA7284 | ST(SGS) | Record/Playback Circuit With ALC | 14-DIP | 3V-12V | -20 TO 70°C | -40 to +150°C |
| 17365 | TT6061A | | OFF-MIN-MOOD-MID-MAX-OFF | DIP-8P | 6.8V | 0-80 | -20-120 |

Music & Voice IC

Detailed product specifications are available on: us.100y.com.tw



| Part No. | Product No. | Manufacturer | Description | Pins/Packing | SONG NAME | Vcc | Storage Temperature |
|----------|---------------|--------------|--|--------------|-----------------|------------|---------------------|
| 21936 | A04-0014M20A | | Voice IC -20A | 18P/DIP | | | |
| 21925 | A22-0001 | | Voice IC | Dies | | | 20Sec |
| 21926 | A22-0001M | | Voice IC | | | | 20 Sec |
| 21927 | A22-0002 | | Voice IC | | | | 90 Sec. |
| 21929 | A22-0002M | | | | | | |
| 21931 | A22-0009 | WINBOND | ISD4004-08MP Single-Chip Voice Record/Playback Device | 28P/DIP | | | 8 Min |
| 21934 | A22-0010 | WINBOND | ISD4004-12MP Single-Chip Voice Record/Playback Device | 28P/DIP | | | 12 Min |
| 21928 | A22-0011 | WINBOND | ISD4004-16MP Single-Chip Voice Record/Playback Device | DIP | | | 16Min |
| 21924 | A22-0012 | | Voice IC With Control Card | | | | 20 Sec. |
| 21933 | ISD 4004-12MP | WINBOND | ISD 4004-12MP 16Min. Voice Rdcord/Playback IC | | | | |
| 10248 | UM66T05L | UTC | Home Sweet Home Music & Voice IC (LINEAR INTEGRATED CIRCUIT) | 3P/TO-92 | Home sweet home | 1.5 ~ 4.5V | -55 ~ +125°C |
| 10249 | UM66T19L | UTC | For Elise Music & Voice IC (LINEAR INTEGRATED CIRCUIT) | 3P/TO-92 | For Alice | 1.5 ~ 4.5V | -55 ~ +125°C |

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